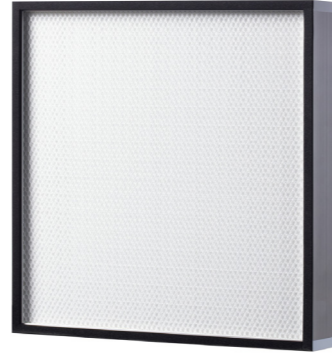


M-SHII SEMI-HIGH EFFICIENCY MINI-PLEATED AIR FILTER



PRODUCT FEATURES

- Mini-pleated design to reduce operating costs
- Compact design with wide application range, minimizing storage space requirements
- Ultra-thin design to reduce installation space

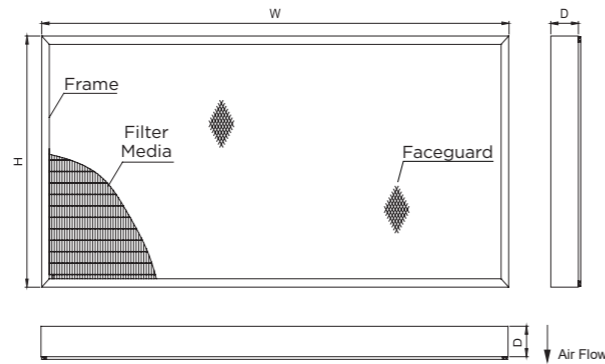
APPLICATIONS

- Medium efficiency filtration for cleanroom applications and HVAC systems in commercial and industrial facilities
- HVAC systems operating in high-humidity environments
- Variable air volume (VAV) HVAC systems
- HVAC systems with limited installation space

EFFICIENCY

- E10, E11, E12

PRODUCT STRUCTURE DESCRIPTION



List of Materials	
Frame	Galvanized steel / Aluminium / Stainless steel
Filter Depth	50mm / 70mm / 80mm / 90mm / 95mm / 100mm
Filter Material	Water-resistant fiberglass
Separator	Hot melt adhesive
Sealant	Polyurethane
Faceguard	Powder-coated steel faceguard

Applicable Conditions	
Maximum Temperature	70°C (158°F)

NAME SPECIFICATION

SHII - 01 - □□□ - □□□ - □□ - G□ - E□



Product Specifications							
Nominal Dimensions W x H x D (Inch)	Actual Dimensions W x H x D (mm)	Faceguard	Airflow (m³/h)	Air Velocity (m/s)	Rated Initial Pressure Drop (Pa)		
					E10	E11	E12
24 x 12 x 2	610 x 305 x 50	Both Sides	490	0.85	95	122	145
24 x 24 x 2	610 x 610 x 50		1,030	0.85	95	122	145
24 x 12 x 2.8	610 x 305 x 70		570	1.00	95	122	145
24 x 24 x 2.8	610 x 610 x 70		1,200	1.00	95	122	145
24 x 12 x 3	610 x 305 x 80		570	1.00	95	122	145
24 x 24 x 3	610 x 610 x 80		1,200	1.00	95	122	145
24 x 12 x 4	610 x 305 x 90		660	1.15	95	122	145
24 x 24 x 4	610 x 610 x 90		1,400	1.15	95	122	145
24 x 12 x 4	610 x 305 x 95		660	1.15	95	122	145
24 x 24 x 4	610 x 610 x 95		1,400	1.15	95	122	145
24 x 12 x 4	610 x 305 x 100		660	1.15	95	122	145
24 x 24 x 4	610 x 610 x 100		1,400	1.15	95	122	145
23 x 23 x 2.8	570 x 570 x 70		470	0.45	50	60	70
47 x 23 x 2.8	1170 x 570 x 70		1,000	0.45	50	60	70
24 x 12 x 2.8	610 x 305 x 70		280	0.45	50	60	70
24 x 24 x 2.8	610 x 610 x 70		600	0.45	50	60	70
30 x 24 x 2.8	762 x 610 x 70		760	0.45	50	60	70
36 x 24 x 2.8	915 x 610 x 70		920	0.45	50	60	70
47 x 35 x 2.8	1170 x 870 x 70		1,550	0.45	50	60	70
47 x 47 x 2.8	1170 x 1170 x 70		2,100	0.45	50	60	70
23 x 23 x 4	570 x 570 x 90	470	0.45	39	60	54	
47 x 23 x 4	1170 x 570 x 90	1,000	0.45	39	60	54	
24 x 12 x 4	610 x 305 x 90	280	0.45	39	60	54	
24 x 24 x 4	610 x 610 x 90	600	0.45	39	60	54	
30 x 24 x 4	762 x 610 x 90	760	0.45	39	60	54	
36 x 24 x 4	915 x 610 x 90	920	0.45	39	60	54	
47 x 35 x 4	1170 x 870 x 90	1,550	0.45	39	60	54	
47 x 47 x 4	1170 x 1170 x 90	2,100	0.45	39	60	54	

Remark:
1. Initial pressure drop performance tolerance is ±10%
2. Special dimensions available upon request